

1. (Amended) A display unit of a helmet comprising:  
a pair of transparent substrates comprising a  
resin, each of said transparent substrates having a curved  
surface; and

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a pixel thin film transistor provided over one of  
said transparent substrates and comprising a source region and a  
drain region and a channel formation region and a gate  
electrode, said channel formation region provided between said  
source region and said drain region, said gate electrode  
provided adjacent to said channel formation region with a gate  
insulating film therebetween,

wherein at least said channel formation region  
contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  
 $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times$   
 $10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a  
density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said helmet is provided with a shield;  
and

wherein said display unit is provided over said  
shield.

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2. (Amended) The unit of claim 64 wherein said  
information comprises a speed.

7. (Amended) A display unit of a helmet comprising:  
a pair of transparent substrates comprising a  
tempered glass, each of said transparent substrates having a  
curved surface; and

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a pixel thin film transistor provided over one of  
said transparent substrates and comprising a source region and a  
drain region and a channel formation region and a gate

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electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said helmet is provided with a shield;  
and

wherein said display unit is provided over said shield.

B5  
8. (Amended) The unit of claim 65 wherein said information comprises a speed.

13. (Amended) A display unit of a vehicle comprising:  
a pair of transparent substrates comprising a resin, each of said transparent substrates having a curved surface; and

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a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times$

B6  
and  
10<sup>16</sup> to 5 x 10<sup>18</sup> atoms cm<sup>-3</sup>, and contains oxygen atoms at a density of 1 x 10<sup>17</sup> to 5 x 10<sup>19</sup> atoms cm<sup>-3</sup>,

wherein said vehicle is provided with a front glass; and

wherein said display unit is provided over said front glass.

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17. (Amended) A display unit of a vehicle comprising:  
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

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a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of 1 x 10<sup>15</sup> to 1 x 10<sup>20</sup> atoms cm<sup>-3</sup>, and contains carbon and nitrogen atoms at a density of 1 x 10<sup>16</sup> to 5 x 10<sup>18</sup> atoms cm<sup>-3</sup>, and contains oxygen atoms at a density of 1 x 10<sup>17</sup> to 5 x 10<sup>19</sup> atoms cm<sup>-3</sup>,

wherein said vehicle is provided with a front glass; and

wherein said display unit is provided over said front glass.

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21. (Amended) A display unit of an airplane comprising:

a pair of transparent substrates comprising a resin, each of said transparent substrates having a curved surface; and

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ant a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said airplane is provided with a front glass; and

wherein said display unit is provided over said front glass.

25. (Amended) A display unit of an airplane comprising:

BP a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode

provided adjacent to said channel formation region with a gate insulating film therebetween,

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wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said airplane is provided with a front glass; and

wherein said display unit is provided over said front glass.

29. (Amended) A helmet comprising:

a shield;

B1  
a pair of transparent substrates comprising a resin provided over said shield, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

B11  
30. (Amended) The helmet of claim 70 wherein said information comprises a speed.

35. (Amended) A helmet comprising:  
a shield;  
a pair of transparent substrates comprising a tempered glass provided over said shield, each of said transparent substrates having a curved surface; and  
a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

B12  
wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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36. (Amended) The helmet of claim 71 wherein said information comprises a speed.

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41. (Amended) A vehicle comprising:  
a front glass;  
a pair of transparent substrates comprising a resin provided over said front glass, each of said transparent substrates having a curved surface; and  
a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a

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cont drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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45. (Amended) A vehicle comprising:

a front glass;

a pair of transparent substrates comprising a tempered glass provided over said front glass, each of said transparent substrates having a curved surface; and

B15 a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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B16 49. (Amended) An airplane comprising:

a front glass;

a pair of transparent substrates comprising a resin provided over said front glass, each of said transparent substrates having a curved surface; and

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a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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53. (Amended) An airplane comprising:

a front glass;

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a pair of transparent substrates comprising a tempered glass provided over said front glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a



*P17*  
*Par* density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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57. (Amended) A semiconductor device comprising:  
a flexible substrate;  
a base film provided over said flexible substrate; and

*B18*  
a thin film transistor provided over said base film and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

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Please add claims 64 through 87.

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*B19*  
✓ 64. (New) The unit of claim 1 wherein information is displayed on said shield

65. (New) The unit of claim 7 wherein information is displayed on said shield.

66. (New) The unit of claim 13 wherein information is displayed on said front glass.

67. (New) The unit of claim 17 wherein information is displayed on said front glass.

68. (New) The unit of claim 21 wherein information is displayed on said front glass.

69. (New) The unit of claim 25 wherein information is displayed on said front glass.

*19*  
*ant*  
70. (New) The helmet of claim 29 wherein information is displayed on said shield.

71. (New) The helmet of claim 35 wherein information is displayed on said shield.

72. (New) The vehicle of claim 41 wherein information is displayed on said front glass.

73. (New) The vehicle of claim 45 wherein information is displayed on said front glass.

74. (New) The airplane of claim 49 wherein information is displayed on said front glass.

75. (New) The airplane of claim 53 wherein information is displayed on said front glass.

76. (New) The unit of claim 1 wherein said display unit comprises a liquid-crystal display.

77. (New) The unit of claim 1 wherein said display unit comprises an EL display.

78. (New) The unit of claim 7 wherein said display unit comprises a liquid-crystal display.

79. (New) The unit of claim 7 wherein said display unit comprises an EL display.

*B<sup>19</sup> and* 80. (New) The unit of claim 13 wherein said display unit comprises a liquid-crystal display.

81. (New) The unit of claim 13 wherein said display unit comprises an EL display.

82. (New) The unit of claim 17 wherein said display unit comprises a liquid-crystal display.

83. (New) The unit of claim 17 wherein said display unit comprises an EL display.

84. (New) The unit of claim 21 wherein said display unit comprises a liquid-crystal display.

85. (New) The unit of claim 21 wherein said display unit comprises an EL display.

86. (New) The unit of claim 25 wherein said display unit comprises a liquid-crystal display.

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87. (New) The unit of claim 25 wherein said display unit comprises an EL display.

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